

# XRT Timeline to be uploaded on 2008/09/25

Period: 2008/09/25 09:47:00 - 2008/09/30 11:15:00

\* \* \* \* \*

Normal mode

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<b>XOB #15C8: Polar Monitoring -Al/poly Q95 16sec G-band 384x384</b>												
Term		Pointing (x, y)					Comment					
09/25 09:59:00 - 09/25 17:36:54		Fixed ( 0.0, -900.0)					# OP start + 10min, HOP 81 (Polar monitoring campaign)					
<b>PROG= 19 Inf.-time(s)</b>												
└─ Subr= 1 20-time(s) 2.0sec												
└─ Seqn= 35 1-time(s) 4.0sec												
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 31 30-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 16.0s Obs 1x1 384x384 (1048, 1064) Q=95 0 0 60.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

<b>XOB #15A3: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)</b>												
Term		Pointing (x, y)					Comment					
09/25 17:39:00 - 09/25 17:46:54		Fixed ( 0.0, 0.0)					synoptic, shifted -23.0 min					
09/26 23:02:00 - 09/27 06:13:54		Fixed ( 0.0, 0.0)					synoptic					
<b>PROG= 11 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 18 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 72 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 76 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 92 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

<b>XOB #1550: G-Band Alignment with North Pole Q90 2x2(G-band only) 8min Cadence - ROI For Limb Alignment-3</b>												
Term		Pointing (x, y)					Comment					
09/25 17:49:00 - 09/25 19:59:54		Fixed ( 0.0, 945.0)					# Co-alignment program (North)					
<b>PROG= 08 1-time(s)</b>												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 58 13-time(s) 480.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

<b>XOB #1551: G-Band Alignment with East limb Q90 2x2 (G-band only) 8min Cadence - ROI for Limb Alignment-3</b>												
Term		Pointing (x, y)					Comment					
09/25 20:02:00 - 09/26 05:55:24		Fixed ( -945.0, 0.0)					Co-alignment program (East)					
<b>PROG= 20 1-time(s)</b>												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 30 13-time(s) 480.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

<b>XOB #15A4: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)</b>												
Term		Pointing (x, y)					Comment					
09/26 05:57:30 - 09/26 06:05:24		Fixed ( 0.0, 0.0)					synoptic, shifted -4.5 min					
09/27 06:16:00 - 09/27 11:10:54		Fixed ( 0.0, 0.0)					synoptic, shifted 14.0 min					
<b>PROG= 12 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 87 1-time(s) 4.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 72 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 76 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 92 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

<b>XOB #1558: CH Boundary - Al/poly + C/poly + Thin-Be - AEC 1 - FOV 384x384 - 2 min cadence - Q90</b>												
Term		Pointing (x, y)					Comment					
09/26 06:07:30 - 09/26 14:44:54		Track ( 147.5, 836.4) <sup>® 09/26 06:05:30</sup>					# HOP80 (Polar coronal hole boundary velocity)					
<b>PROG= 04 Inf.-time(s)</b>												

Subr= 1	1-time(s)	2.0sec																		
Seqn= 16	1-time(s)	2.0sec																		
Al-poly/Open	Al-poly/Open	close	Safe	Dark	16.0s	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Seqn= 91	1-time(s)	4.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512	(1024, 1024)	Q=90	0	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 86	30-time(s)	120.0sec																		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384	(1024, 1024)	Q=90	1	0	2.0sec							
C-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384	(1024, 1024)	Q=90	1	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	384x384	(1024, 1024)	Q=90	0	0	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval								

<b>XOB #15CC: HOP86 - QS C/poly Q95 16sec exp 30 sec cadence 384x384 with G-band-2</b>														
Term	Pointing (x, y)		Comment											
09/26 14:47:00 - 09/26 22:59:54	Track (	-39.3,	0.0)	@ 09/26 14:45:00	HOP 86 (Disc center)									
PROG= 16	Inf.-time(s)													
Subr= 1	40-time(s)	2.0sec												
Seqn= 32	1-time(s)	4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec	
Seqn= 37	30-time(s)	30.0sec												
C-poly/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval		

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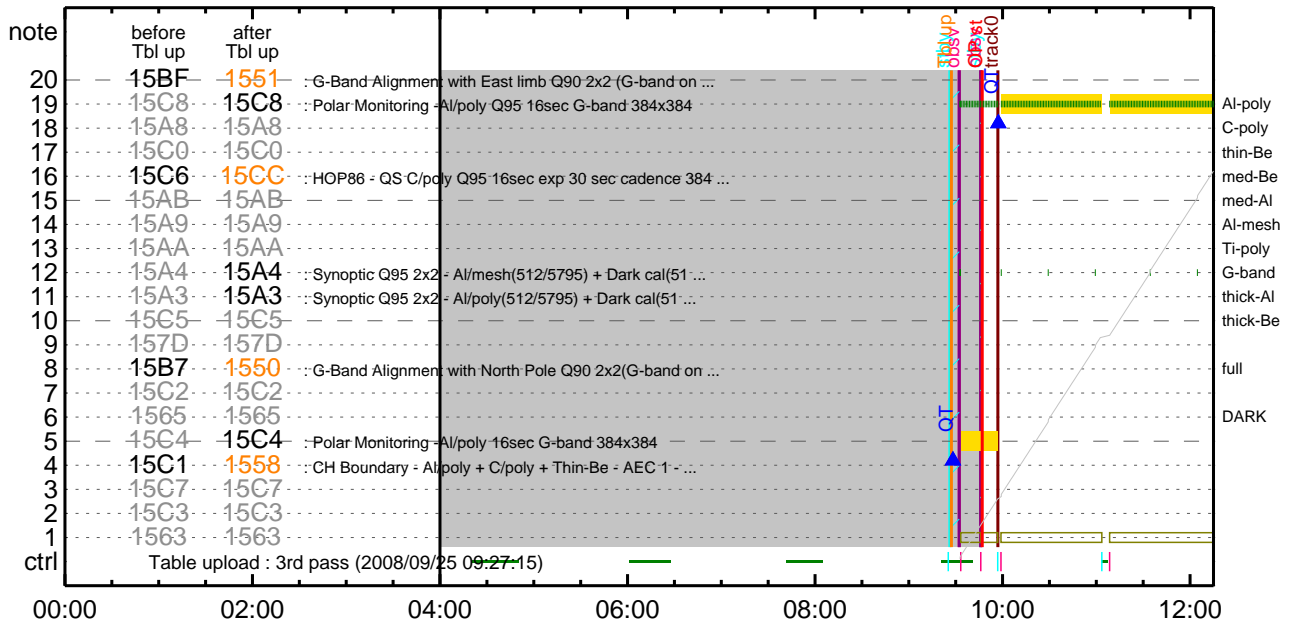
* * * * *
                                Flare mode
                                * * * * *
                                NOT USED

* * * * *
                                Active Region Search
                                * * * * *
                                NOT USED

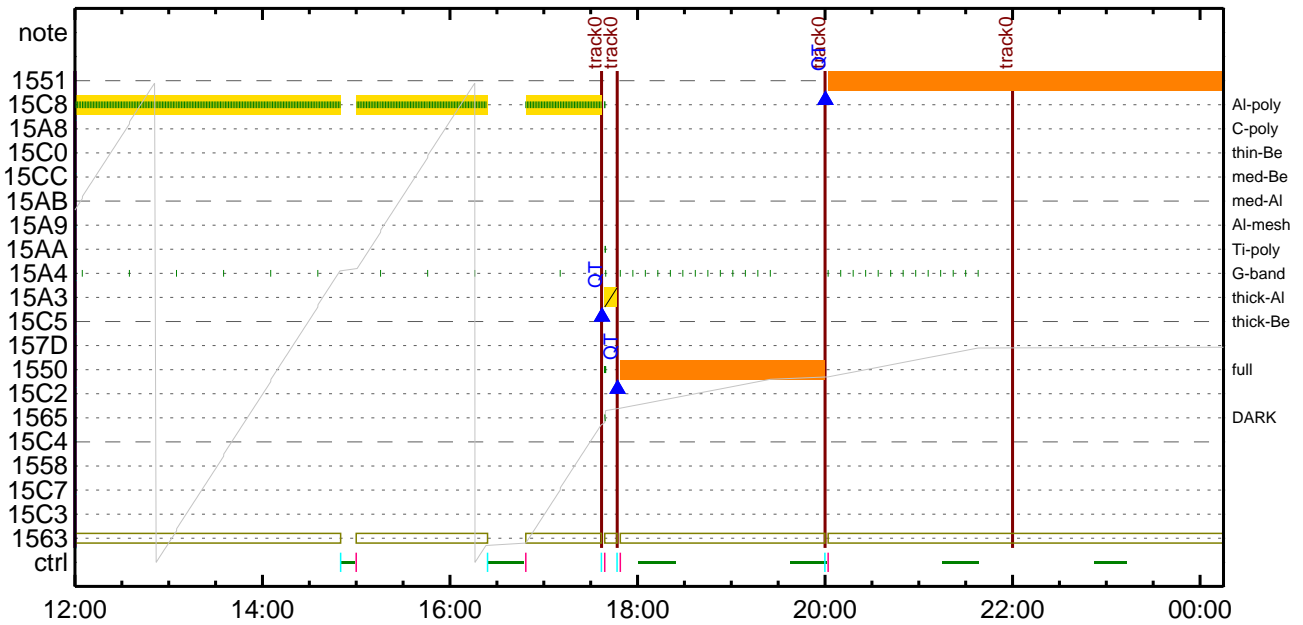
* * * * *
                                Flare Detection
                                * * * * *
                                NOT USED

```

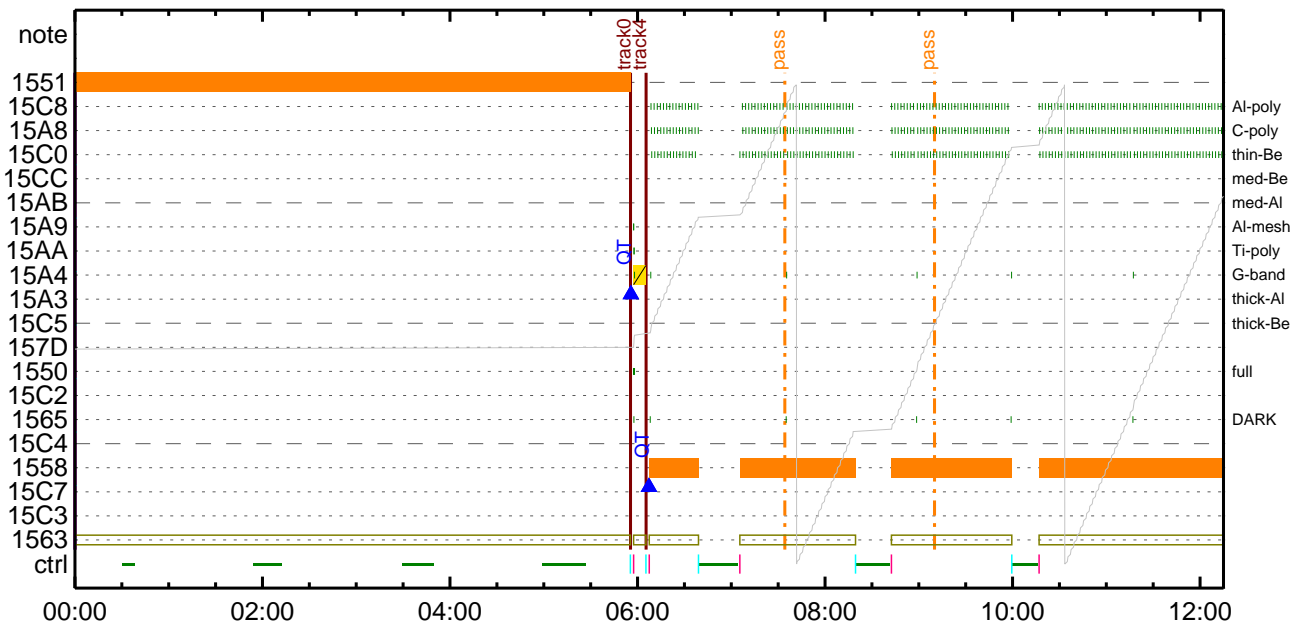
### CMDI #0155 2008/09/25



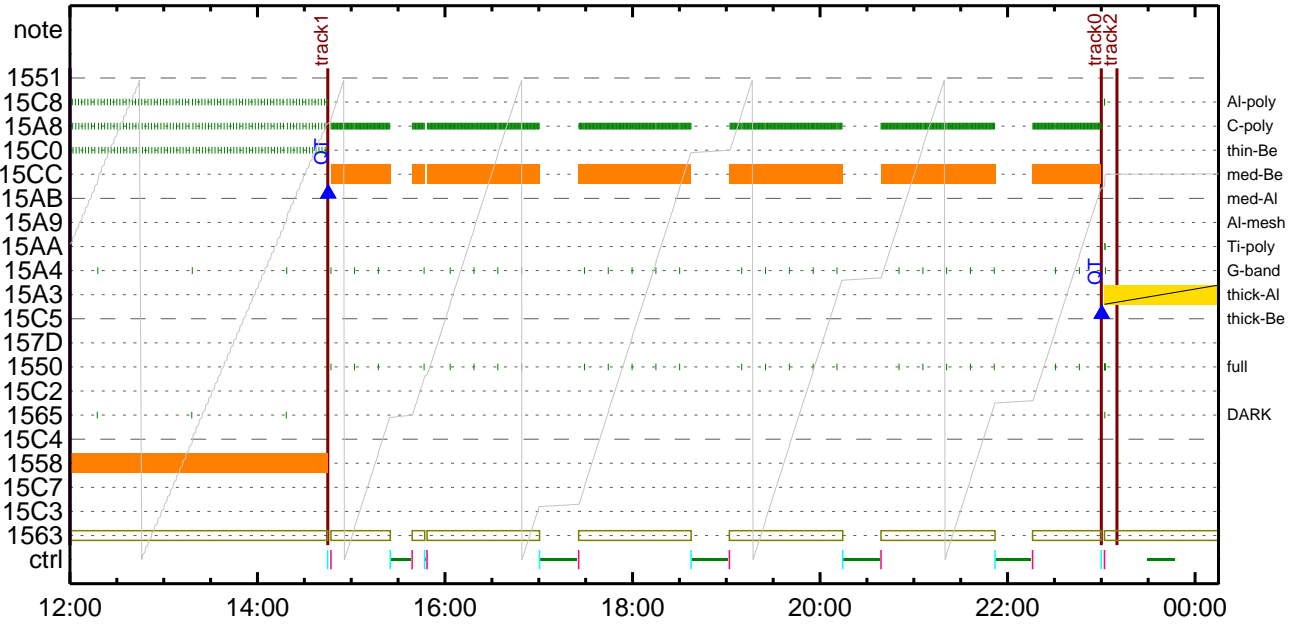
### CMDI #0155 2008/09/25



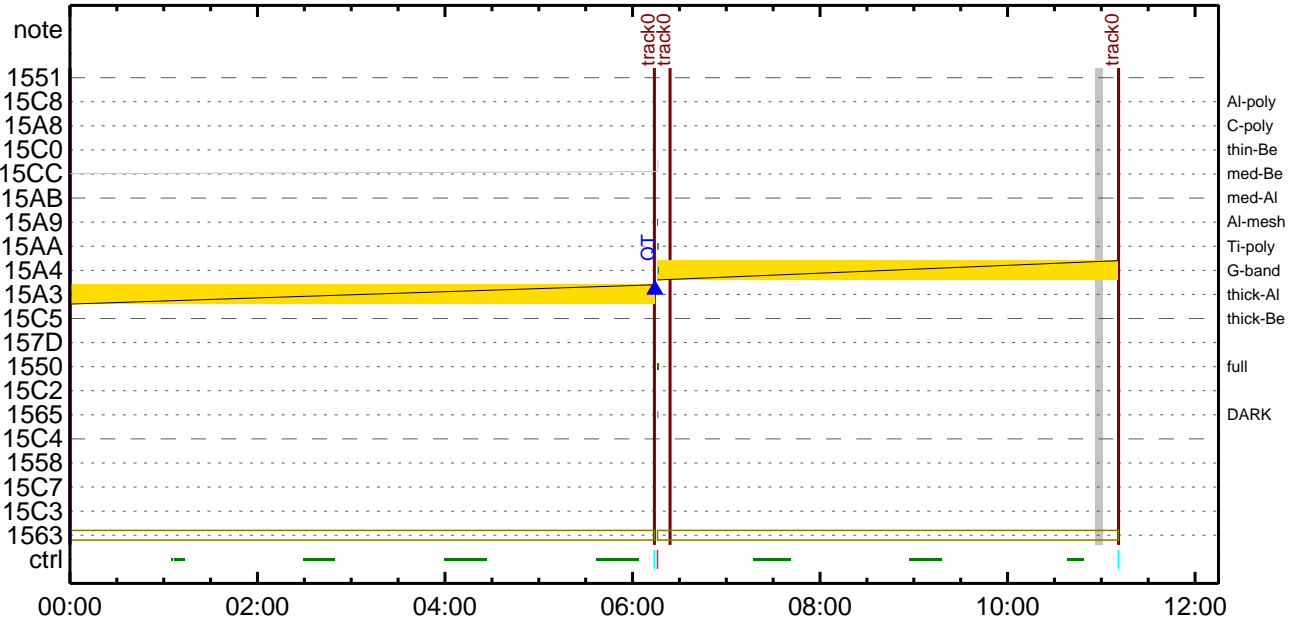
### CMDI #0155 2008/09/26



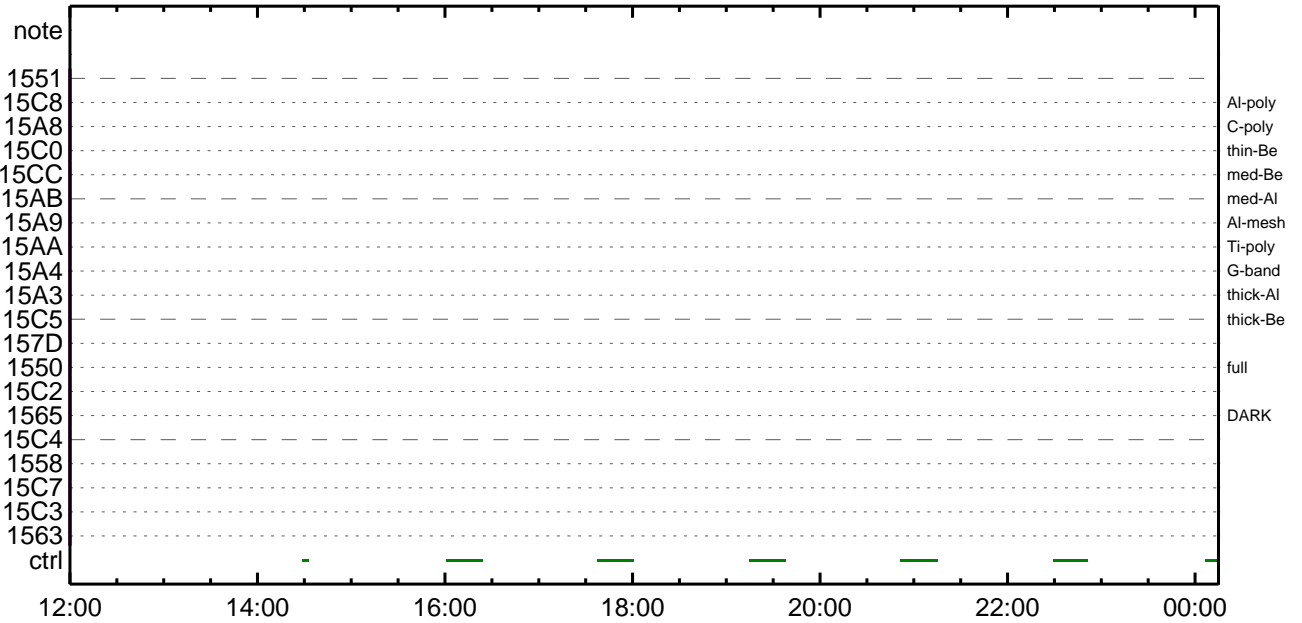
CMDI #0155 2008/09/26



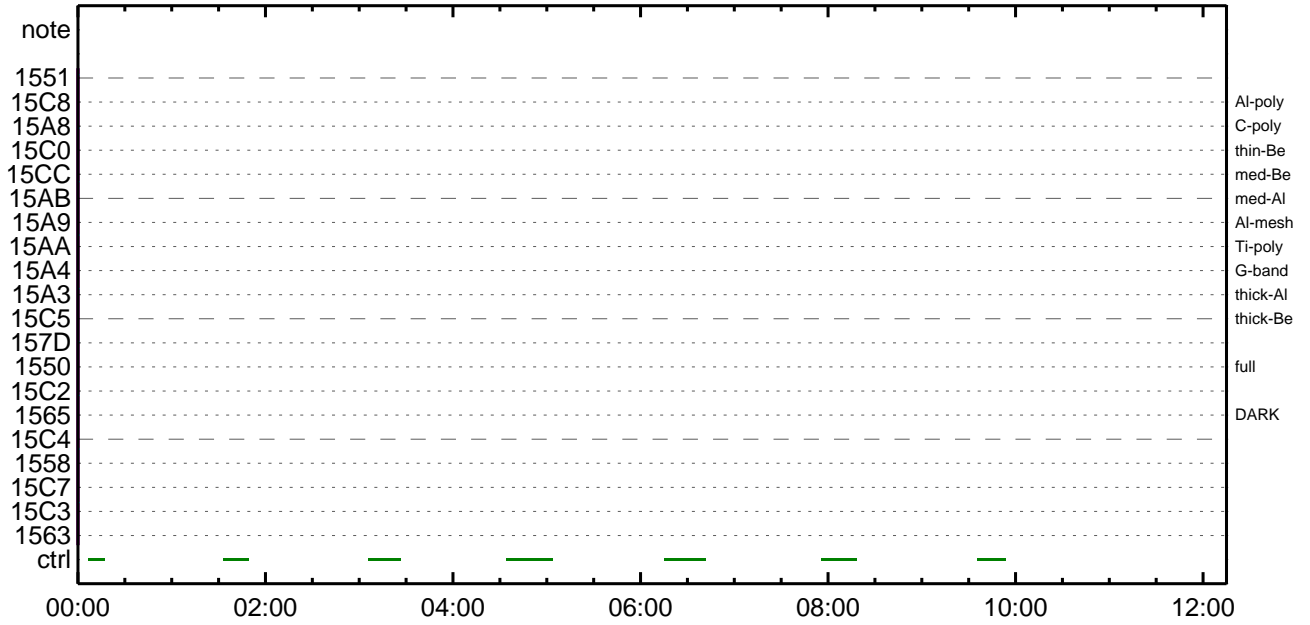
CMDI #0155 2008/09/27



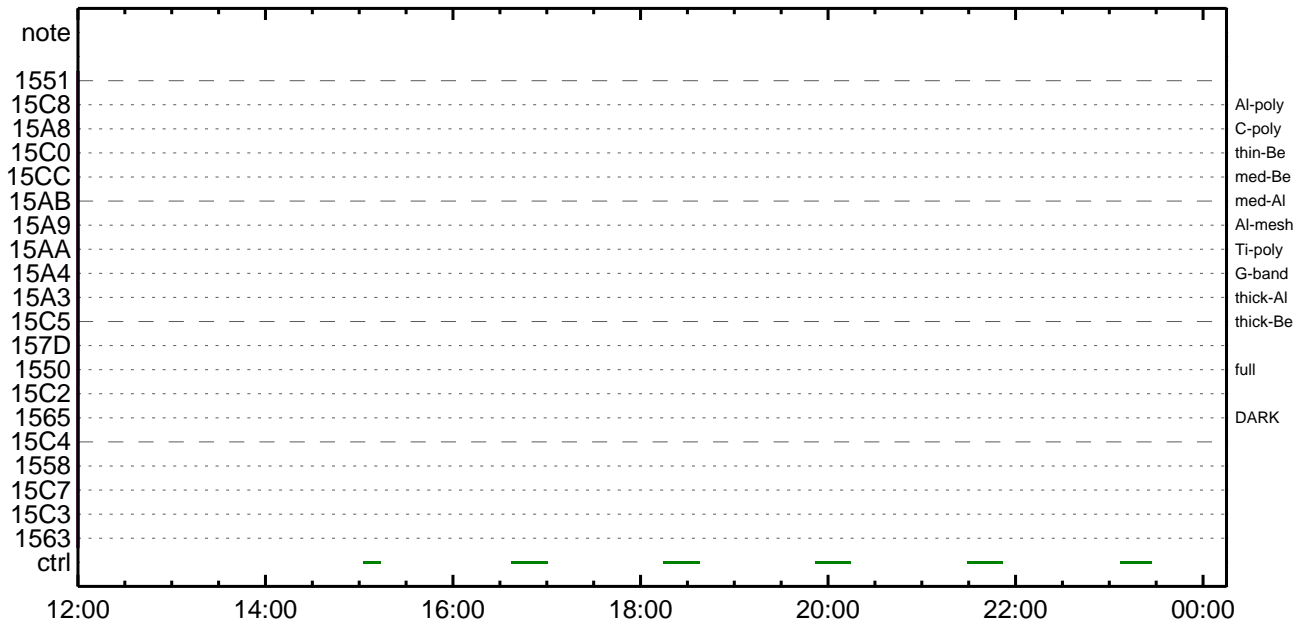
CMDI #0155 2008/09/27



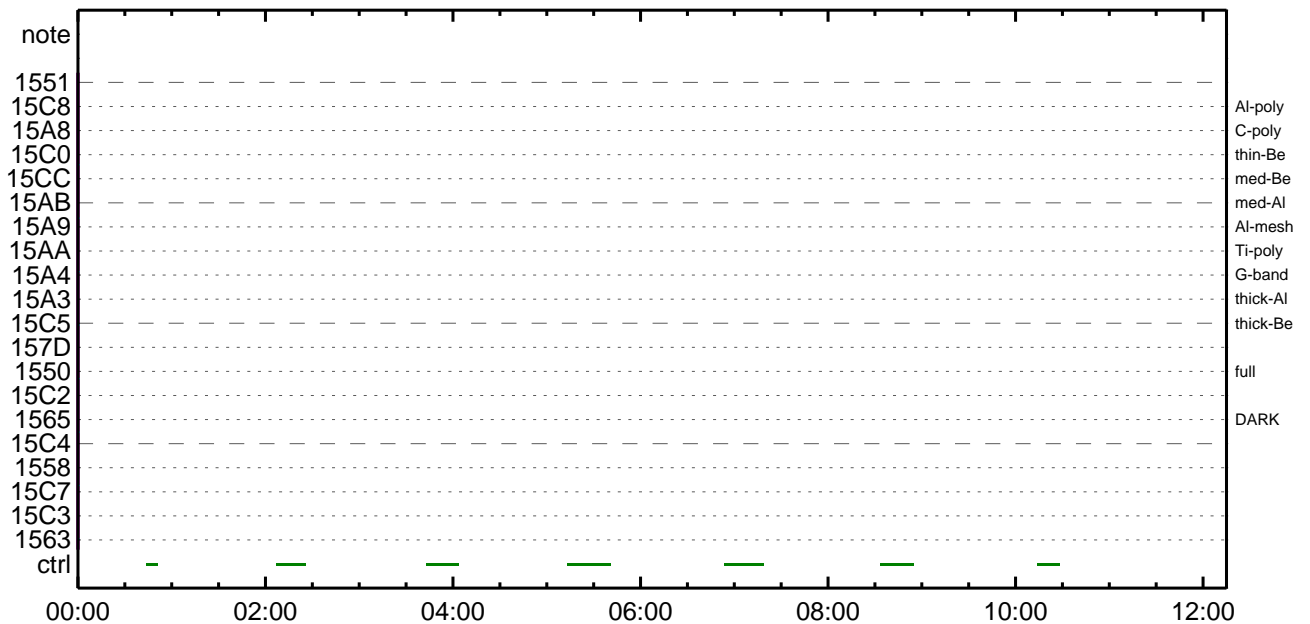
CMDI #0155 2008/09/28



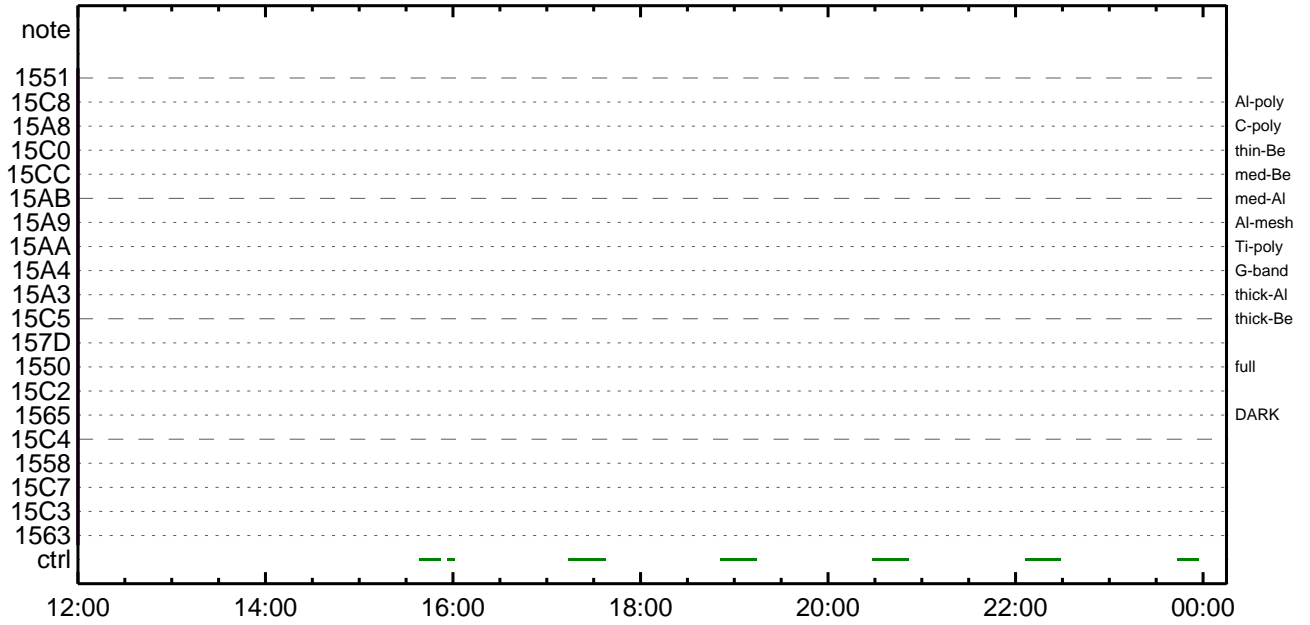
CMDI #0155 2008/09/28



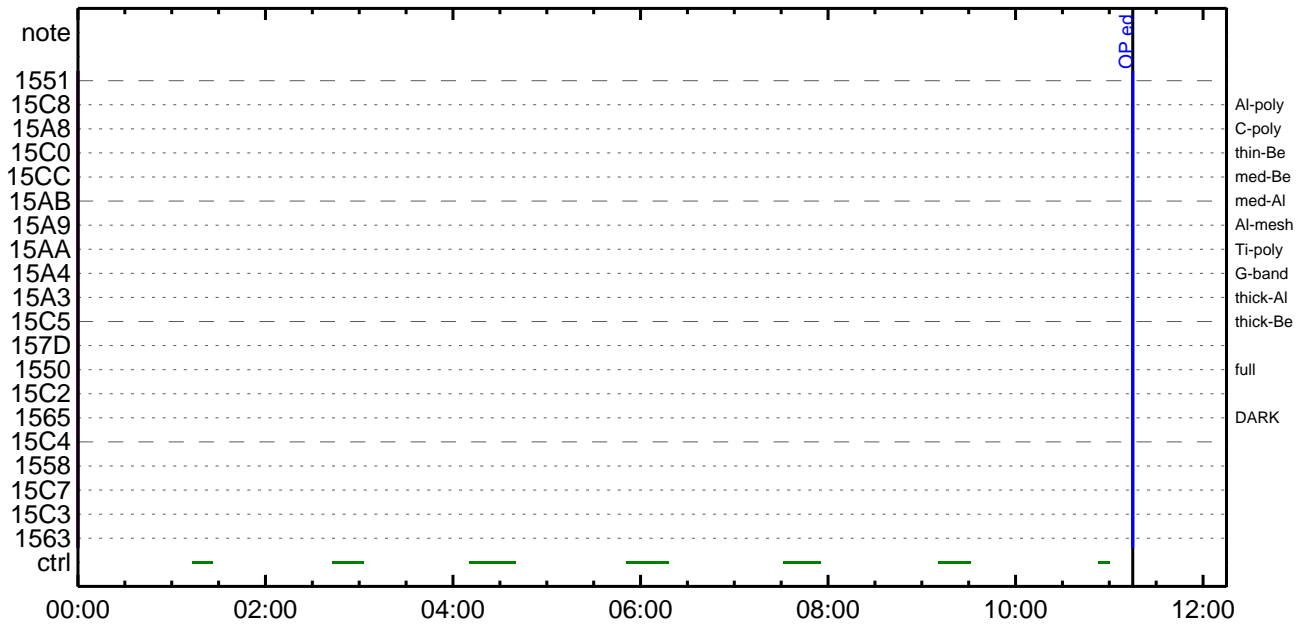
CMDI #0155 2008/09/29



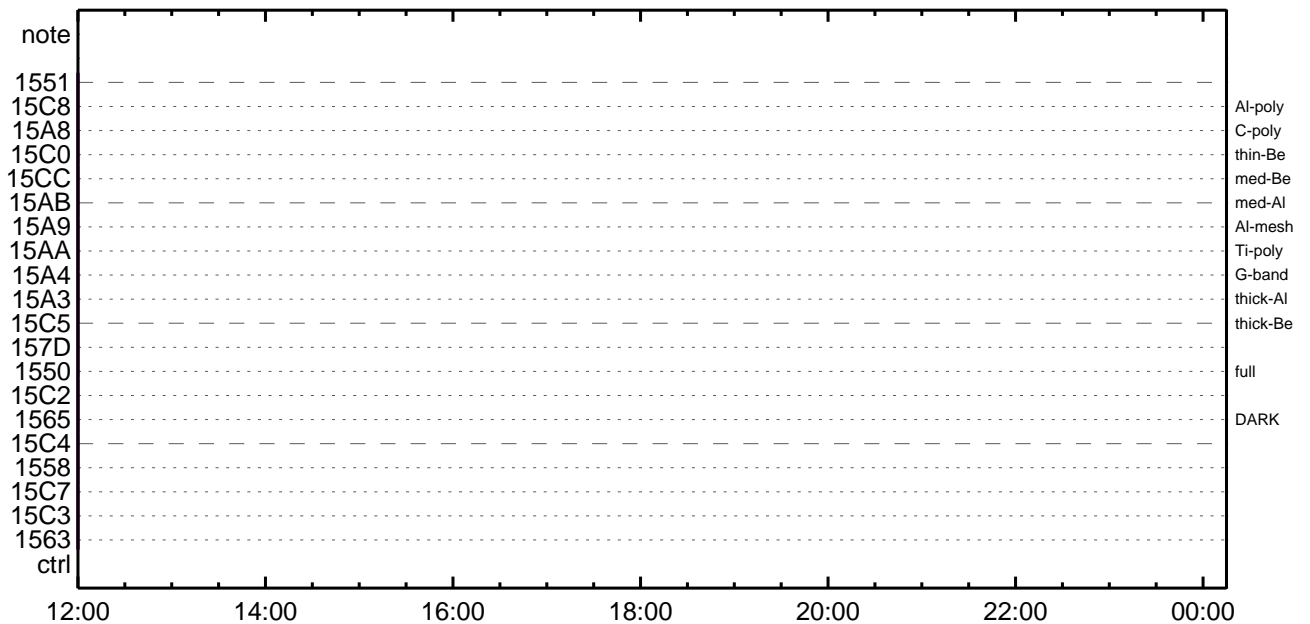
CMDI #0155 2008/09/29



CMDI #0155 2008/09/30



CMDI #0155 2008/09/30









```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
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(a) Spacecraft Operation Procedure (real-commands)

```
main-157 2008-09-25 12:48:03 144 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÀø•µ°È»ÍxÁÇøíYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÇø•ø¿¼í¹çøí;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 83 85 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 60 20 18)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a a0 80 18 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 04 04)
0056 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0057 BC (c4 05)
0058 + DC 07-F0 MDP_XRT_ARS_DIS
0059 BC (d5)
0060 + DC 07-F0 MDP_XRT_FLD_DIS
0061 BC (d9)
0062 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0063 BC (c9)
0064 . C. ----- Success Verify ? OK / NG ____
0065 C.
0066 C.
0067 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0068 C.
0069 +. DC 07-F0 MDP_XRT_MODE_OBSV
0070 BC (c2)
0071 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0072 BC (c0)
0073 +. TI 2008-09-25 09:46:02.0
0074 DC 07-F0 MDP_XRT_MODE_OBSV
0075 BC (c2)
0076 +. TI 2008-09-25 09:46:04.0
0077 DC 07-F0 MDP_XRT_CTRL_AUTO
0078 BC (c0)
0079 . C. ----- Success Verify ? OK / NG ____
0080 C.
0081 C. ***** XRT END *****
0082 . C. *****
0083 C. SOT table upload
0084 C. *****
0085 . C. < Stop FG table >
0086 +. DC 07-F0 MDP_FG_CTRL_MANU
0087 BC (51)
0088 . C. -----
0089 C. MDP_FG_CTRL_MODE = MANU [ ]
0090 C. -----
0091 C.
0092 . C. <Upload FG Observation Table>
0093 . S. RAM ram-268:MDP_OBS_F
0094 ( )
0095 C.
```

```

0096 . C. < Dump RAMID=MDP_OBS_F >
0097 +. DC 07-F0 MDP_DUMP_FGTBL
0098 BC (82 07 00 00 00 38 b8)
0099 C. -----
0100 C. MDP_OBS_F verify = OK/NG [ ]
0101 C. -----
0102 C.
0103 . C. < Resume FG table (auto mode) >
0104 +. DC 07-F0 MDP_FG_CTRL_AUTO
0105 BC (50)
0106 . C. -----
0107 C. MDP_FG_CTRL_MODE = AUTO [ ]
0108 C. -----
0109 C.
0110 C. *****
0111 C. SOT TI command set
0112 C. *****
0113 C. Execute, after the success of TBL upload.
0114 +. TI 2008-09-25 09:46:18.0
0115 DC 07-F0 MDP_SOT_MODE_OBSV
0116 BC (40)
0117 . C. -----
0118 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0119 C. -----
0120 C.
0121 C. Only when FG_CTRL_AUTO is used in RT.
0122 +. TI 2008-09-25 09:46:20.0
0123 DC 07-F0 MDP_FG_CTRL_AUTO
0124 BC (50)
0125 . C. -----
0126 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0127 C. -----
0128 C. ***** SOT END *****
0129 C.
0130 . C. ***** MDP 'uAÎaî»ô%YαEÂDα¹αéDCBC•x²è *****
0131 C. (%â°îYÓYÁYÈYÏYËYáYçYèαE%¼α¼A»Ûα¹αè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** YDÿ¹·Ï Daily±;îNαE'Øα¹αéDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSŸÁYŠYÃY¼A»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.

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Sep 25, 08 12:48

XRT\_OGLIST\_0155.chk

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\*\*\* OP Sequence for XRT \*\*\*

2008/09/25	09:56:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	09:56:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/25	09:57:00.0	AOCS_Orе-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 50 00 00 00		
2008/09/25	09:57:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2008/09/25	09:58:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/25	09:58:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/25	09:58:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/25	09:59:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	11:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	11:07:30.0	XRT_Custom_430_OG [0x1ae]					
2008/09/25	11:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	14:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	14:59:00.0	XRT_Custom_430_OG [0x1ae]					
2008/09/25	15:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	16:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	16:47:30.0	XRT_Custom_430_OG [0x1ae]					
2008/09/25	16:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	17:36:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	17:36:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/09/25	17:37:00.0	AOCS_Orе-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2008/09/25	17:37:16.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2008/09/25	17:37:18.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/25	17:37:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/25	17:37:22.0	XRT_ARS_DIS_427_OG [0x1ab]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/25	17:39:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	17:46:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	17:46:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/25	17:47:00.0	AOCS_Orе-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 ac 00 00 00		
2008/09/25	17:47:16.0	XRT_QT_PROG_SET_412_OG [0x19c]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2008/09/25	17:48:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/25	17:48:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/25	17:48:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/25	17:49:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	19:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/25	19:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/25	20:00:00.0	AOCS_Orе-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 00 00 54 00		
2008/09/25	20:00:16.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14		
2008/09/25	20:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/25	20:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/25	20:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/25	20:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/25	22:00:00.0	AOCS_Orе-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 00 00 54 00		
2008/09/26	05:55:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/26	05:55:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/09/26	05:55:30.0	AOCS_Orе-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2008/09/26	05:55:46.0	XRT_QT_PROG_SET_429_OG [0x1ad]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/09/26	05:55:48.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		

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2008/09/26	05:55:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/26	05:55:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/26	05:57:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	06:05:24.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	06:05:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2008/09/26	06:07:00.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/26	06:07:20.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2008/09/26	06:07:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/09/26	06:07:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/26	06:07:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/26	06:07:28.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/26	06:07:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	06:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	07:04:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	07:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	08:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	08:41:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	08:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	09:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	10:16:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	10:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	14:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	14:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/26	14:45:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/09/26	14:45:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/09/26	14:46:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/26	14:46:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/26	14:46:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/26	14:47:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	15:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	15:38:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	15:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	15:47:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	15:47:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	15:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	17:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	17:24:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	17:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	18:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	19:01:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	19:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	20:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	20:38:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	20:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	21:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	22:15:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/26	22:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/26	22:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/26	22:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/26	23:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/26	23:00:16.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				

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2008/09/26	23:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2008/09/26	23:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2008/09/26	23:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2008/09/26	23:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/09/26	23:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]								
		AOCU_NM	5	02-76	02 00 00 00 00					
2008/09/27	06:13:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/09/27	06:13:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2008/09/27	06:14:00.0	AOCS_ORe-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2008/09/27	06:14:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c					
2008/09/27	06:14:18.0	XRT_FLD_DIS_419_OG [0x1a3]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2008/09/27	06:14:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2008/09/27	06:14:22.0	XRT_ARS_DIS_427_OG [0x1ab]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2008/09/27	06:16:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/09/27	06:24:00.0	AOCS_ORe-point_Start_8_OG [0x09e]								
		AOCU_NM	5	02-76	00 dd 9a b3 a6					
2008/09/27	11:10:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/09/27	11:11:00.0	AOCS_ORe-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	00 00 00 00 00					